



U.S. Department
of Transportation
**Research and
Special Programs
Administration**

400 Seventh St., S.W.
Washington, D.C. 20590

DEC 12 2000

DOT-E 6293
(NINTH REVISION)

EXPIRATION DATE: July 31, 2002

(FOR RENEWAL, SEE 49 CFR § 107.109)

1. GRANTEE: Alliant Techsystems, Inc.
Hopkins, Minnesota

(See Appendix A to this document for a list of additional grantees)

2. PURPOSE AND LIMITATION:

- a. This exemption authorizes the transportation in commerce of spent mixed acid containing not over 3% dissolved nitroglycerin, not over 16% nitric acid, and at least 18% water by volume, in stainless steel DOT specification cargo tanks. This exemption provides no relief from any Hazardous Materials Regulation (HMR) other than as specifically stated herein.
- b. The safety analyses performed in development of this exemption only considered the hazards and risks associated with transportation in commerce.

3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.

4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR § 173.56(b) in that mixtures are not required to be examined, classed and approved, except as specified herein.

5. BASIS: This exemption is based on the application of Alliant Techsystems, Inc. dated November 16, 2000, submitted in accordance with § 107.109.

6. HAZARDOUS MATERIALS (49 CFR § 172.101):

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Proper Shipping Name/ Hazardous Materials Description	Hazard Class/ Division	Identi- fication Number	Packing Group
Nitrating acid mixtures, spent	8	UN1826	II

7. SAFETY CONTROL MEASURES:

a. PACKAGING - Packagings prescribed are insulated stainless steel DOT Specification MC-311 or MC-312 or DOT-412 cargo tank motor vehicles, equipped for top loading and unloading only. The cargo tank design pressure may not be less than 30 psig.

b. TESTING - Each cargo tank motor vehicle must be reinspected and retested as specified in § 180.407 for MC-311, MC-312, and DOT-412 cargo tank motor vehicles.

c. OPERATIONAL CONTROLS -

(i) During transportation, the temperature of the lading must be maintained between 40°F and 80°F.

(ii) Before each shipment, a spent acid analysis must be made. A copy of each analysis must be kept on file and be available for examination by representatives of the Department for at least three months after shipment. PRIMEX Technologies, Inc. must file reports of the analyses performed on the spent acid in the first six shipments with the Office of Hazardous Materials Exemptions and Approvals (OHMEA). Reports on whether the nitroglycerin was still completely in solution after the acid was transported must be filed with OHMEA.

(iii) Each cargo tank must be operated in exclusive use service while transporting only the spent acid provided for herein, sulfuric acid, spent (UN1832) or nitrating acid mixtures (UN1796).

8. SPECIAL PROVISIONS:

a. A person who is not a holder of this exemption who receives a package covered by this exemption may reoffer it for transportation provided no modifications or changes are

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made to the package and it is reoffered for transportation in conformance with this exemption and the HMR.

b. A current copy of this exemption must be maintained at each facility where the package is offered or reoffered for transportation.

c. MARKING - Each cargo tank motor vehicle must be plainly marked on the right side near the front, in letters at least two inches high on a contrasting background, "DOT-E 6293". Additionally, cargo tank motor vehicles specified herein marked "DOT SP 6293" prior to the issuance of the exemption may be transported under the terms of this exemption.

9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle.
10. MODAL REQUIREMENTS: A current copy of this exemption must be carried aboard each motor vehicle used to transport packages covered by this exemption.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this exemption and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
 - o All terms and conditions prescribed in this exemption and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Registration required by § 107.601 et seq., when applicable.

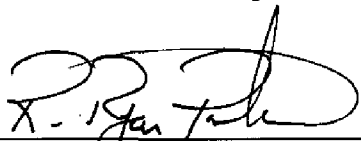
Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this exemption must receive training on the requirements and conditions of this exemption in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this exemption, including display of its number, when the exemption has expired or is otherwise no longer in effect.

12. REPORTING REQUIREMENTS: The carrier is required to report any incident involving loss of packaging contents or packaging failure to the Associate Administrator for Hazardous Materials Safety (AAHMS) as soon as practicable. (Sections 171.15 and 171.16 apply to any activity undertaken under the authority of this exemption.) In addition, the holder(s) of this exemption must inform the AAHMS, in

writing, of any incident involving the package and shipments made under the terms of this exemption.

Issued in Washington, D.C.:



for Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety

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(DATE)

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Research and Special Programs Administration, Department of Transportation, Washington, D.C. 20590.
Attention: DHM-31.

The original of this exemption is on file at the above office. Photo reproductions and legible reductions of this exemption are permitted. Any alteration of this exemption is prohibited.

Copies of exemptions may be obtained from the AAHMS, U.S. Department of Transportation, 400 7th Street, S.W., Washington, DC 20590-0001, Attention: Records Center, 202-366-5046.

PO: AM

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The following are hereby granted party status to this exemption based on their application(s) submitted in accordance with § 107.107 or § 107.109, as appropriate:

Company Name City/State	Application Date	Issue Date	Expiration Date
Alliant Aerospace Company Magna, UT	11/16/2000	DEC 12 2000	7/31/2002
Alliant Ammunition & Powder Company, LLC Radford, VA	11/16/2000	DEC 12 2000	7/31/2002
Alliant Conventional Munitions LLC, Hopkins, MN	11/16/2000	DEC 12 2000	7/31/2002
Alliant Defense Electronics Systems, Inc. Clearwater, FL	11/16/2000	DEC 12 2000	7/31/2002
Alliant Defense Systems LLC Hopkins, MN	11/16/2000	DEC 12 2000	7/31/2002
Alliant Holdings LLC Hopkins, MN	11/16/2000	DEC 12 2000	7/31/2002
Alliant Integrated Defense Company LLC, Hopkins, MN	11/16/2000	DEC 12 2000	7/31/2002
Alliant International Holdings Inc. Hopkins, MN	11/16/2000	DEC 12 2000	7/31/2002
Alliant Kilgore Flares Company LLC, Toone, TN	11/16/2000	DEC 12 2000	7/31/2002
Alliant Missile Products Company LLC Rocket Center, WV	11/16/2000	DEC 12 2000	7/31/2002
Alliant Power Sources Company LLC, Horsham, PA	11/16/2000	DEC 12 2000	7/31/2002

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Company Name City/State	Application Date	Issue Date	Expiration Date
Alliant Precision Fuze Company LLC, Janesville, WI	11/16/2000	DEC 12 2000	7/31/2002
Alliant Propulsion & Composites Company, LLC Magna, UT	11/16/2000	DEC 12 2000	7/31/2002
Alliant Southern Composites Company LLC Iuka, MS	11/16/2000	DEC 12 2000	7/31/2002
Dyno Nobel Inc. Salt Lake City, UT	9/22/2000	10/3/2000	7/31/2002
New River Energetics, Inc. Radford, VA	11/16/2000	DEC 12 2000	7/31/2002
Alliant Lake City Small Caliber Ammunition Company LLC Independence, MO	11/16/2000	DEC 12 2000	7/31/2002
Alliant Ammunition Systems Company LLC, New Brighton, MN	11/16/2000	DEC 12 2000	7/31/2002
St. Marks Powder, Inc. St. Marks, FL	8/10/00	8/25/2000	7/31/2002
Alliant Aerospace Propulsion Company LLC Magna, UT	11/16/2000	DEC 12 2000	7/31/2002
Alliant Aerospace Composite Structures Company Clearfield, UT	11/16/2000	DEC 12 2000	7/31/2002



FOR Robert A. McGuire
Associate Administrator for
Hazardous Materials Safety